

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016772**Date Inspected:** 13-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** William Norris**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI completed the courtesy review of the contractor's welding reports that contain corrections / revisions of previously rejected welding report submittals. The QAI was given the formal copy of submittal 1536Rev.21 to review for conformance to the contract requirements. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI also continued generating a weld specific tracking list from the submitted welding reports.

The QAI met with the Quality Control (QC) Inspector William Norris to discuss the courtesy review of the contractor's welding reports that contain the corrections / revisions of the previously rejected welding report submittals. The QAI noted that the submittal number is not determined yet. The QAI relayed that 1 field weld splice location appears to be missing weld repair information and ultrasonic testing (UT) reports for a previously reported rejectable indication and the revisions to other UT reports should state that the supersede the previously submitted reports. The QAI was informed that these reports will be amended and submitted at a later time.

**Summary of Conversations:**

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, the QAI had a conversation with the QC Inspector William Norris and relayed the status of the submittal reviews. The QAI also relayed the status of the submittal reviews to the QAI Lead Bill Levell. The QAI was also informed that the remaining OBG 7W post arrival inspection has been scheduled for tomorrow. Except as described above, there

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

were no other notable conversations or observations.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi, (916) 813-3677, who represents the Office of Structural Materials for your project.

---

|                      |              |                             |
|----------------------|--------------|-----------------------------|
| <b>Inspected By:</b> | Croff, Scott | Quality Assurance Inspector |
| <b>Reviewed By:</b>  | Levell, Bill | QA Reviewer                 |

---